

12/07/2004 08:10:24 AM\\s01\std\std_dwg\Drawings_and_Details\CF\LD Metric Details (FP-96 & FP-03)\m63510.dgn

LENGTH AND SPACING TABLE						
APPROACH SPEED		**MINIMUM TAPER LENGTH IN METERS	LENGTH OF BUFFER SPACE IN METERS	CHANNELIZING DEVICE SPACING		
*MILES PER HOUR	*KILOMETERS PER HOUR			**TAPER AREA	BUFFER SPACE	WORK SPACE
SPACING IN METERS						
25	40	Shoulder taper formula:	50	8	15	15
30	50	$L = \frac{WS^2}{465}$ for speeds of 65 km/h or less	65	9	18	18
35	55	$L = \frac{W \times S}{4.8}$ for speeds of 70 km/h or greater	75	10	21	21
40	65	Where:	95	12	24	24
45	70	L= Minimum length of taper	105	14	27	27
		W= Width of offset in meters				
50	80	S= Metric equivalent of posted speed	130	15	30	30
		limit or 85 percentile speed prior				
55	90	to work in kilometers per hour	160	16	33	33

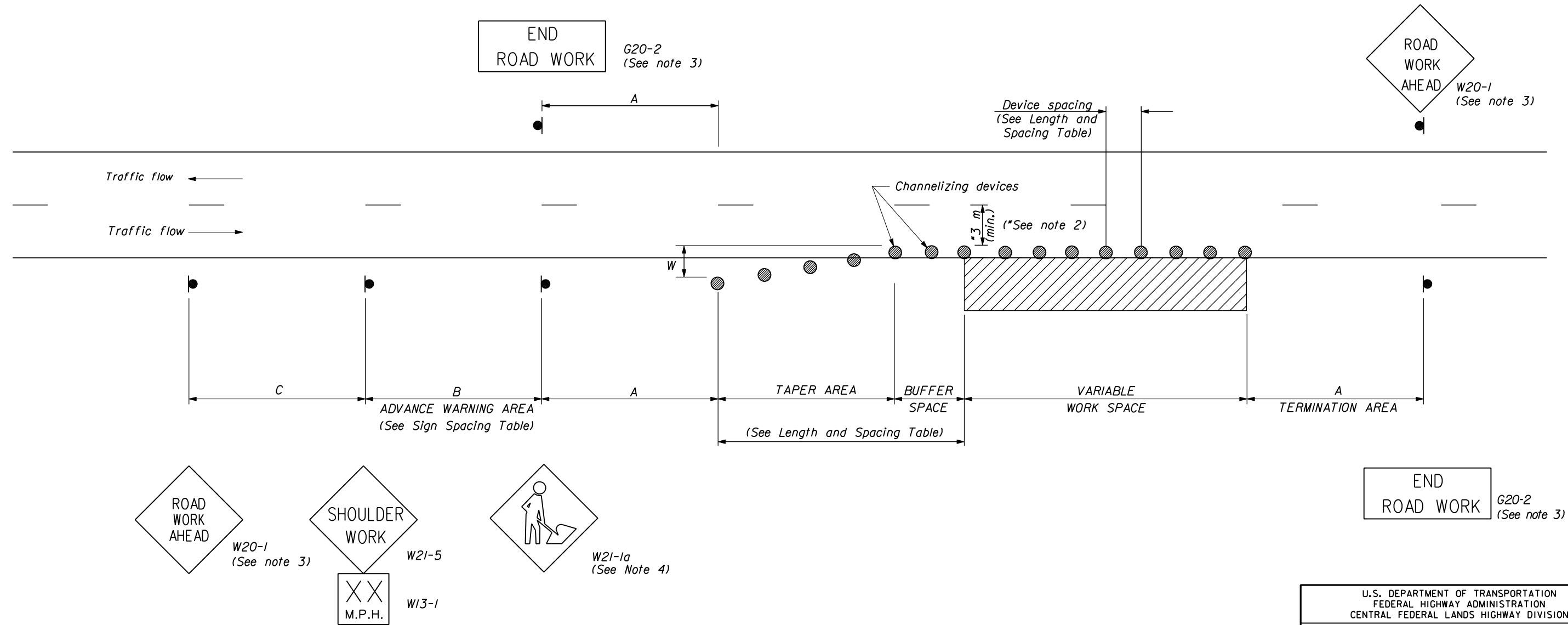
* Speed is based on the regulatory posted speed and not the advisory speed.

**Lengthen taper as needed to provide minimum of three channelizing devices in taper at required spacing.

SIGN SPACING TABLE			
ROAD TYPE	DISTANCE BETWEEN SIGNS IN METERS		
	A	B	C
Urban 65 km/hr or less (<45 mph)	30	30	30
Urban 70km/hr or greater (≥45mph)	100	100	100
Rural	150	150	150
Expressway/Freeway	300	450	800

NOTE:

1. Final location and spacing of signs and devices may be changed to fit field conditions as approved by the CO.
2. Refer to Special Contract Requirements, Section 156, for minimum width.
3. If shoulder closure is completely within the project limits, eliminate the 'ROAD WORK AHEAD' sign (W20-1) and the 'END ROAD WORK' sign (G20-2).
4. Remove or cover Worker Symbol sign (W21-1a) when workers are not present.
5. Do not allow equipment, materials, or vehicles to be parked or stored in the buffer space.
6. If signs will be in place more than 72 hours consecutive hours, use ground-mounted post as shown on M635-1.
7. Dimensions not labeled are in millimeters.



U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
METRIC DETAIL	
CONSTRUCTION TRAFFIC CONTROL SHOULDER CLOSURE LAYOUT	
DETAIL APPROVED FOR USE 05/2003 REVISED: 06/2004	DETAIL CM635-10

NO SCALE